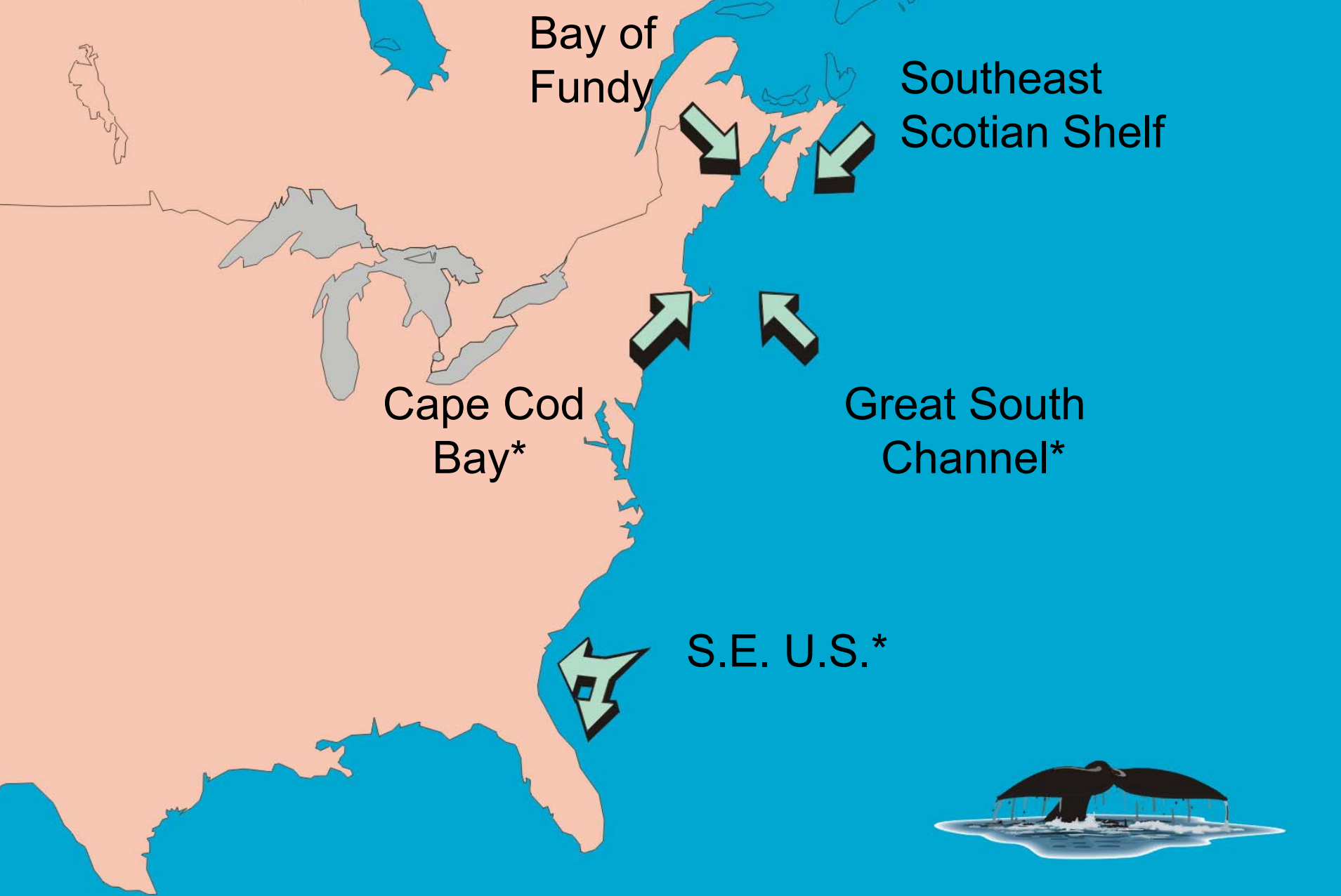


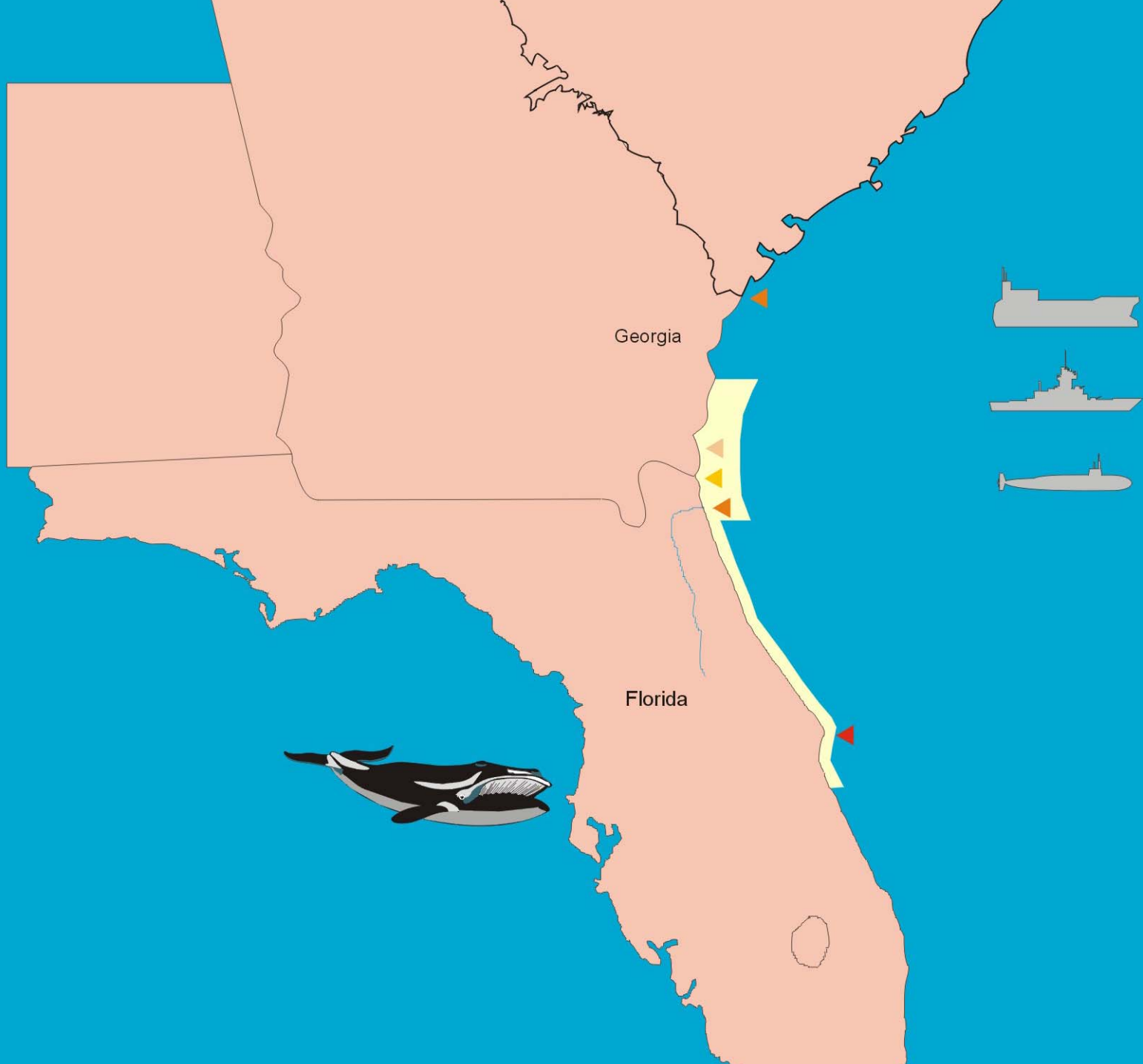
An aerial photograph of a North Atlantic Right Whale breaching the ocean surface. The whale's dark, mottled back is visible above the water, with a prominent white patch on its side. The surrounding water is dark blue with white-capped waves. The text "North Atlantic Right Whale Recovery Program" is overlaid in large, bold, orange letters.

North Atlantic Right Whale Recovery Program

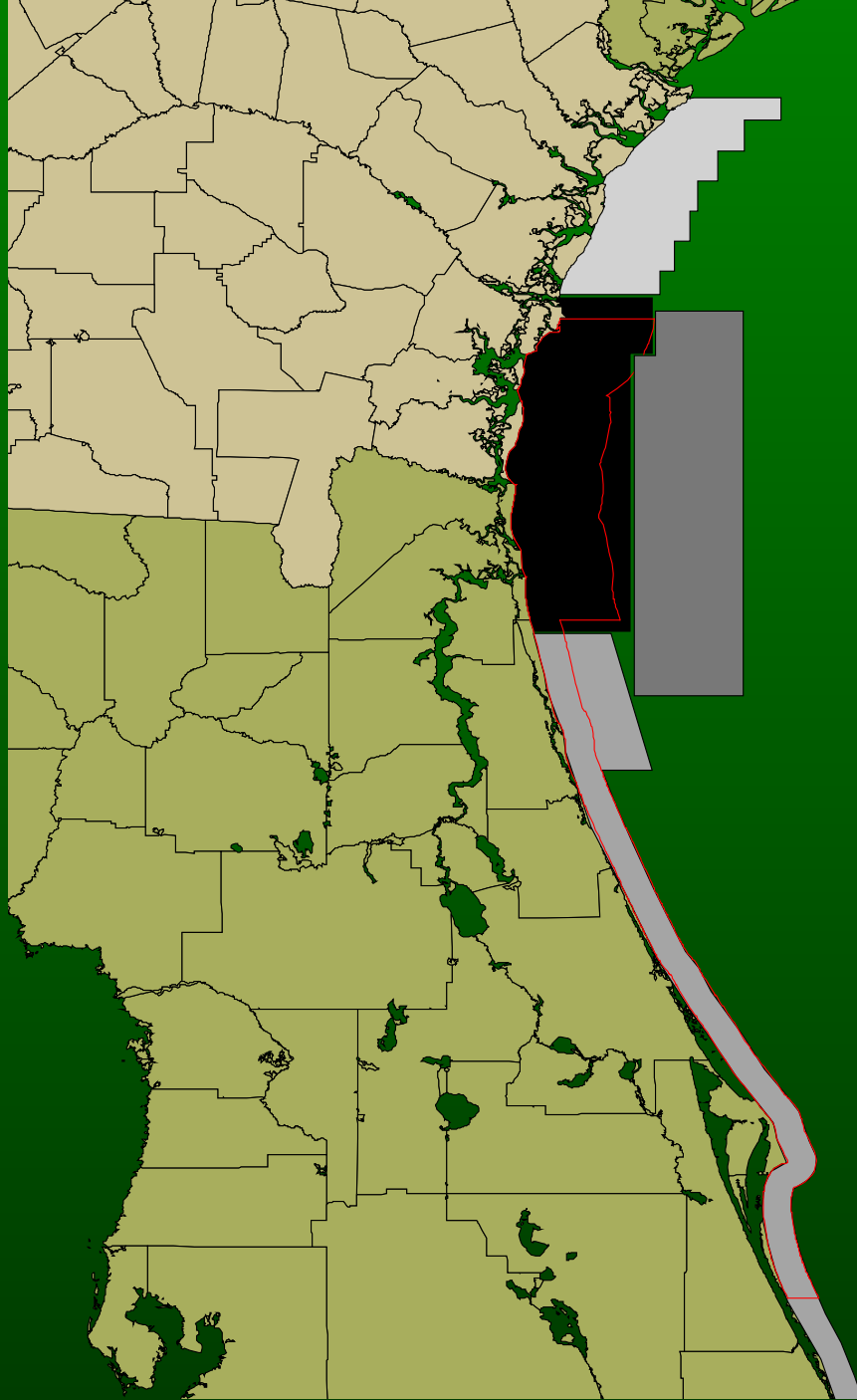
Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE 01 AUG 2004		2. REPORT TYPE N/A		3. DATES COVERED -	
4. TITLE AND SUBTITLE North Atlantic Right Whale Recovery Program				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Georgia Department of Natural Resources				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release, distribution unlimited					
13. SUPPLEMENTARY NOTES See also ADM002111. Department of Defense Conservation Conference. Held in Savannah, Georgia on August 22-27, 2004, The original document contains color images.					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT UU	18. NUMBER OF PAGES 37	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			



*Designated as Critical Habitat in 1994





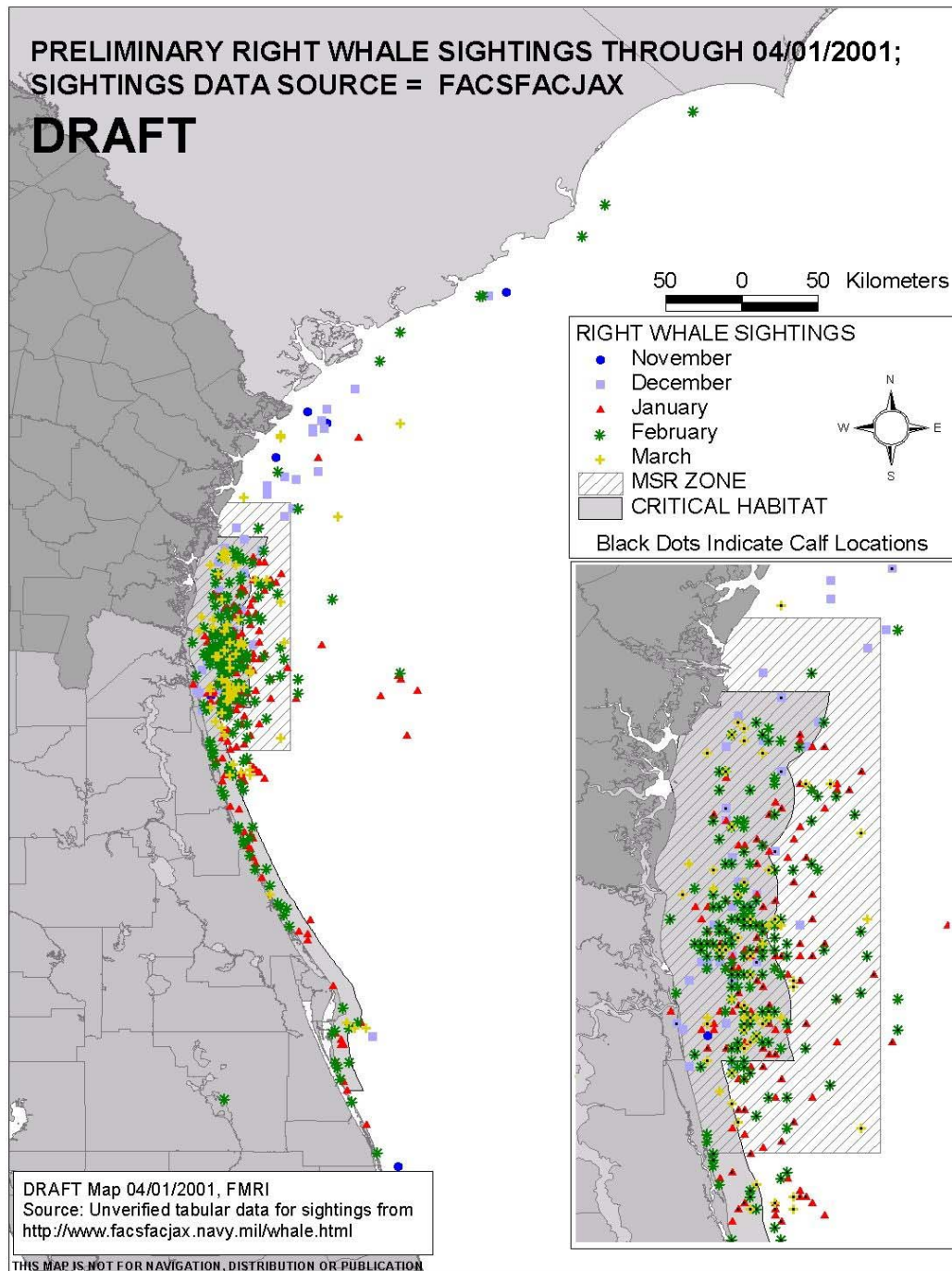




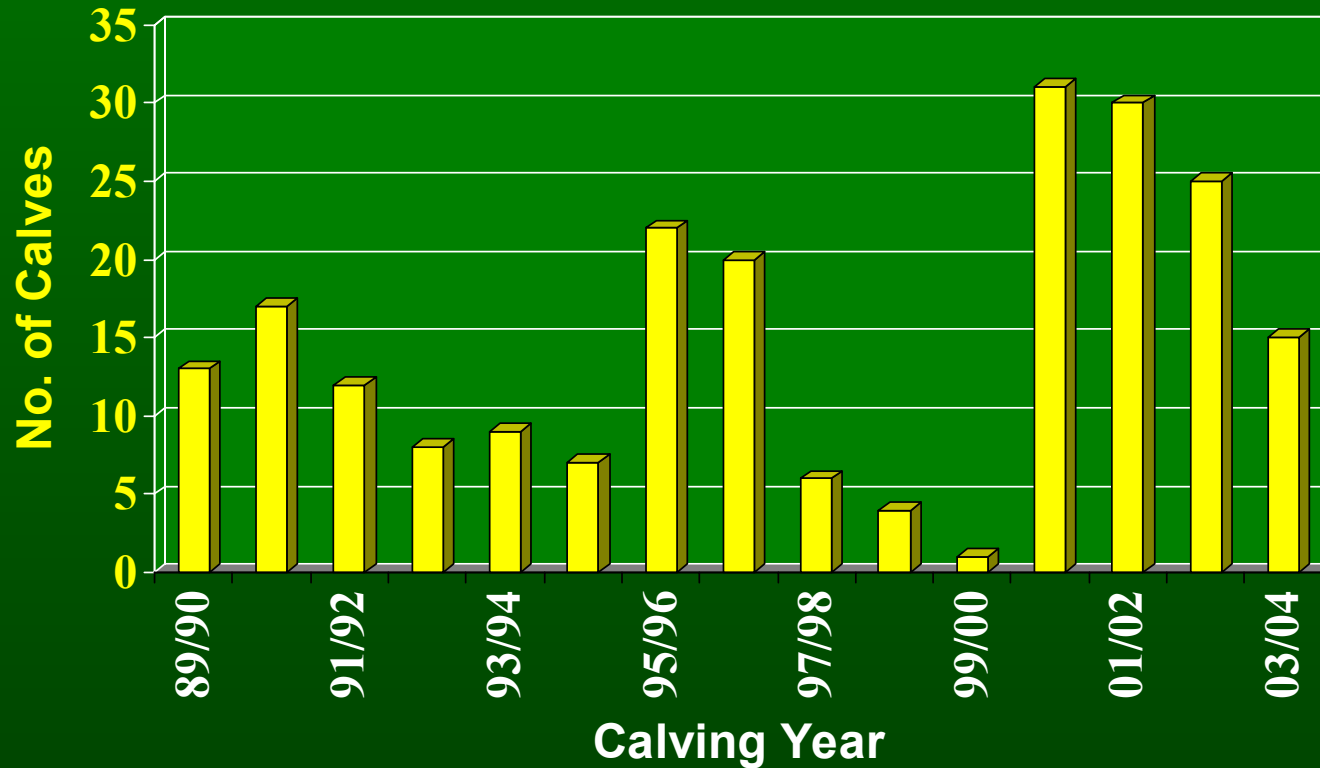
1 3'01

PRELIMINARY RIGHT WHALE SIGHTINGS THROUGH 04/01/2001;
SIGHTINGS DATA SOURCE = FACSFACJAX

DRAFT



Annual Right Whale Calf Production



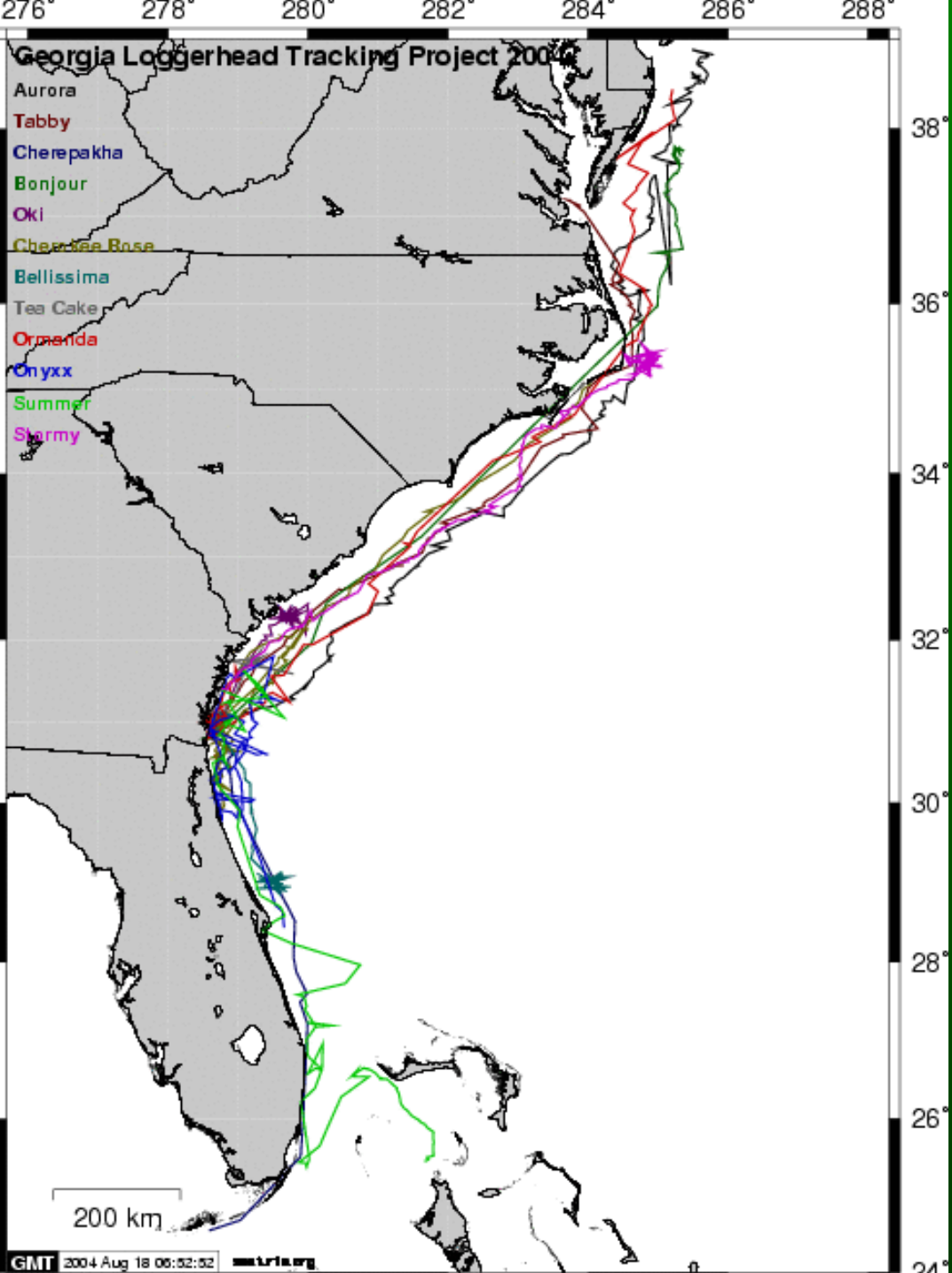
Data Sources: New England Aquarium, Georgia DNR, Florida FWCC

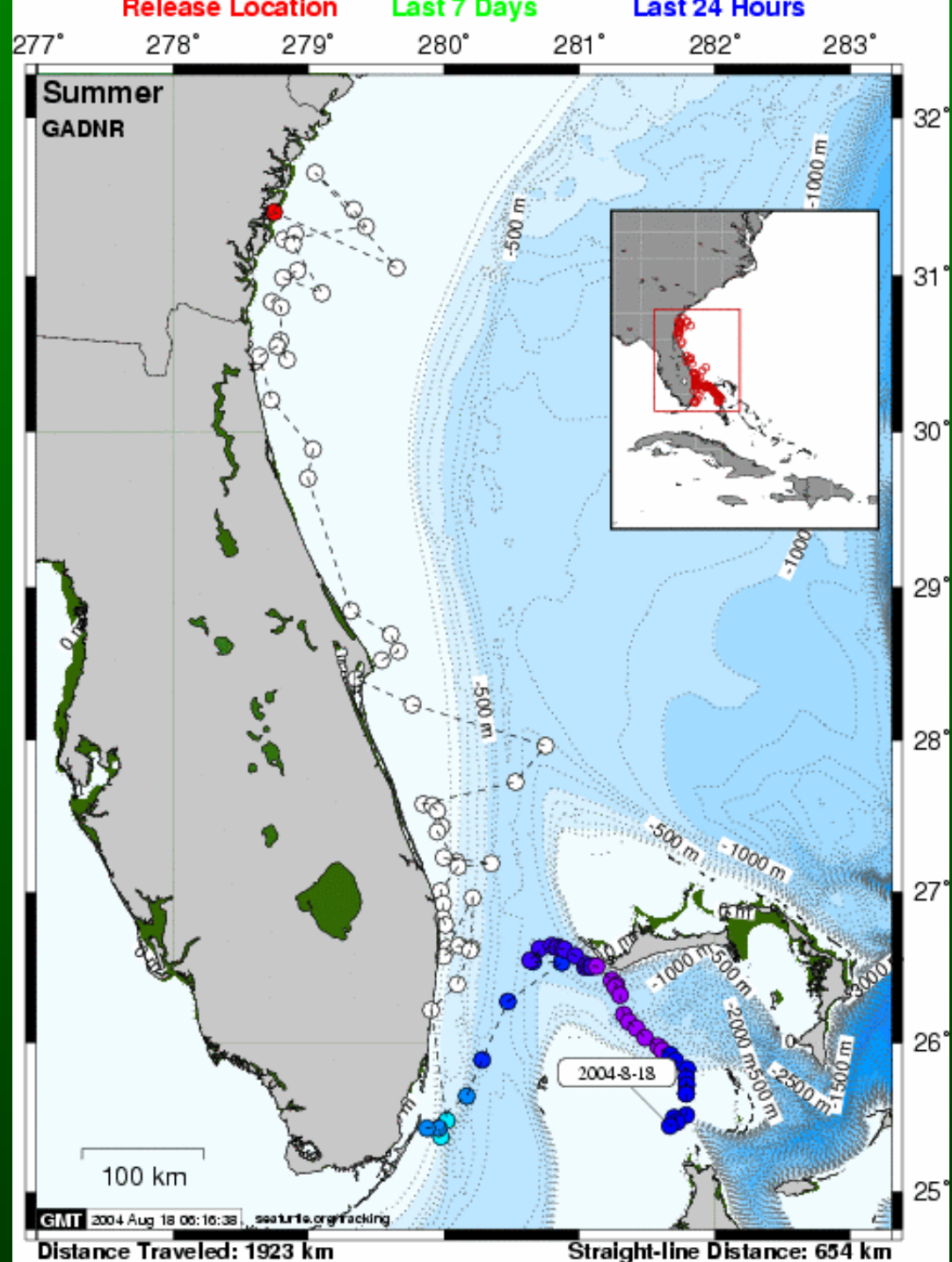
S.E. U.S. Implementation Team for the Recovery of the Northern Right Whale

- Ga DNR
- Fl FWCC
- U.S. A.C.O.E.
- U.S. Navy
- U.S. Coast Guard
- U. S. N.M.F.S
- Port Authorities
- U.S. E.P.A.

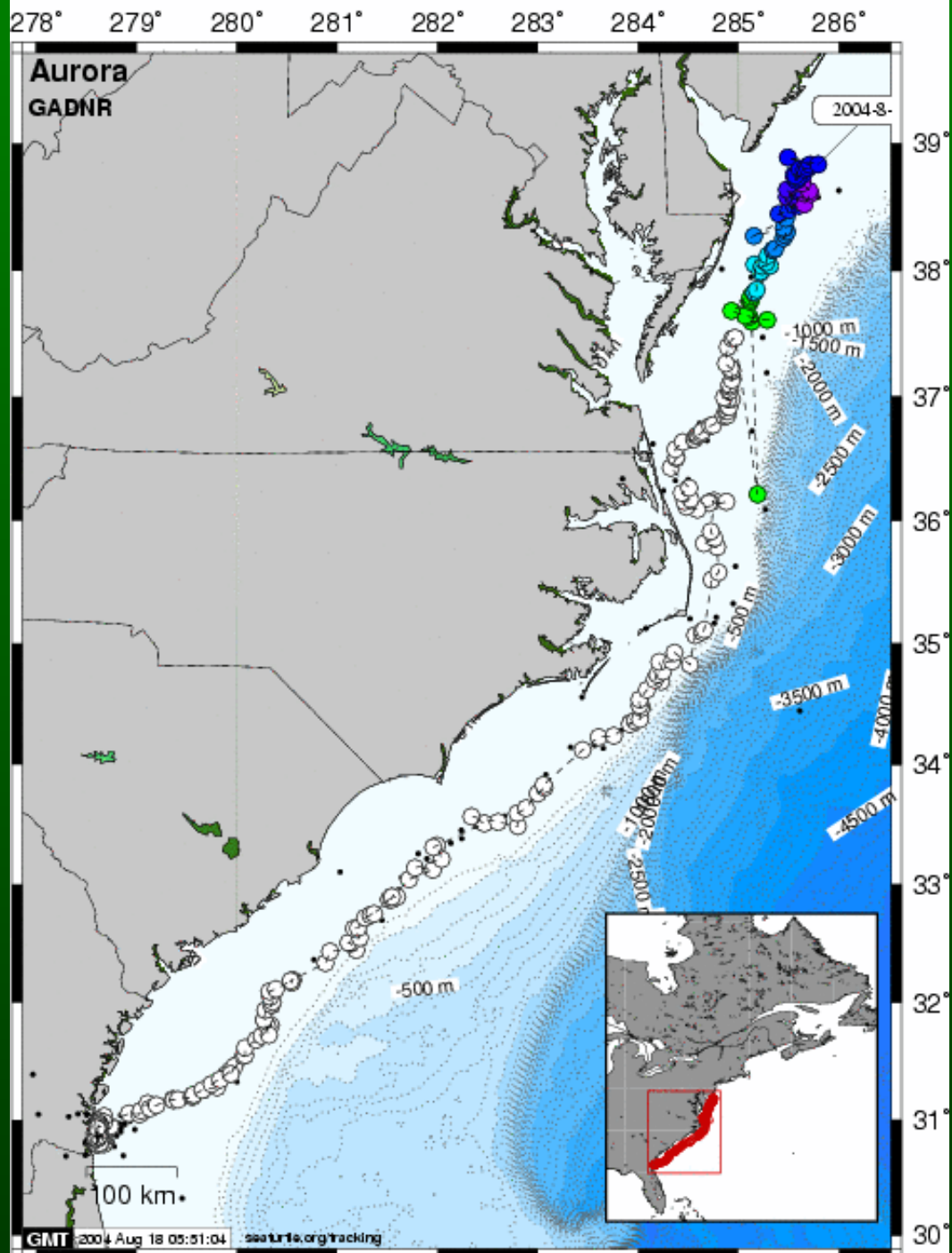
Loggerhead Sea Turtle Research







Release Location Last 7 Days Last 24 Hours





Red-cockaded Woodpecker Recovery



From 1996 to 2003, 26% of
RCWs translocated came
from Military Installations



Candidate Conservation Agreement with
Assurances for the Robust Redhorse,
Moxostoma robustum, Ocmulgee River,
Georgia

**Mike Nichols (Georgia Power),
Jimmy Evans (Georgia - DNR), and
Michael Abney (Georgia Power)**



- Originally described from Yadkin River, NC (1869, E. Cope)
- Rediscovered in Oconee River, GA (1991, GA-DNR)
- GA-Endangered; US-Species of Management Concern
- TL>700mm; up to 8kg; oldest specimen ~27 years
- Spawns in triads over gravel from April-June
- Diet mostly bivalves including *Corbicula* sp.

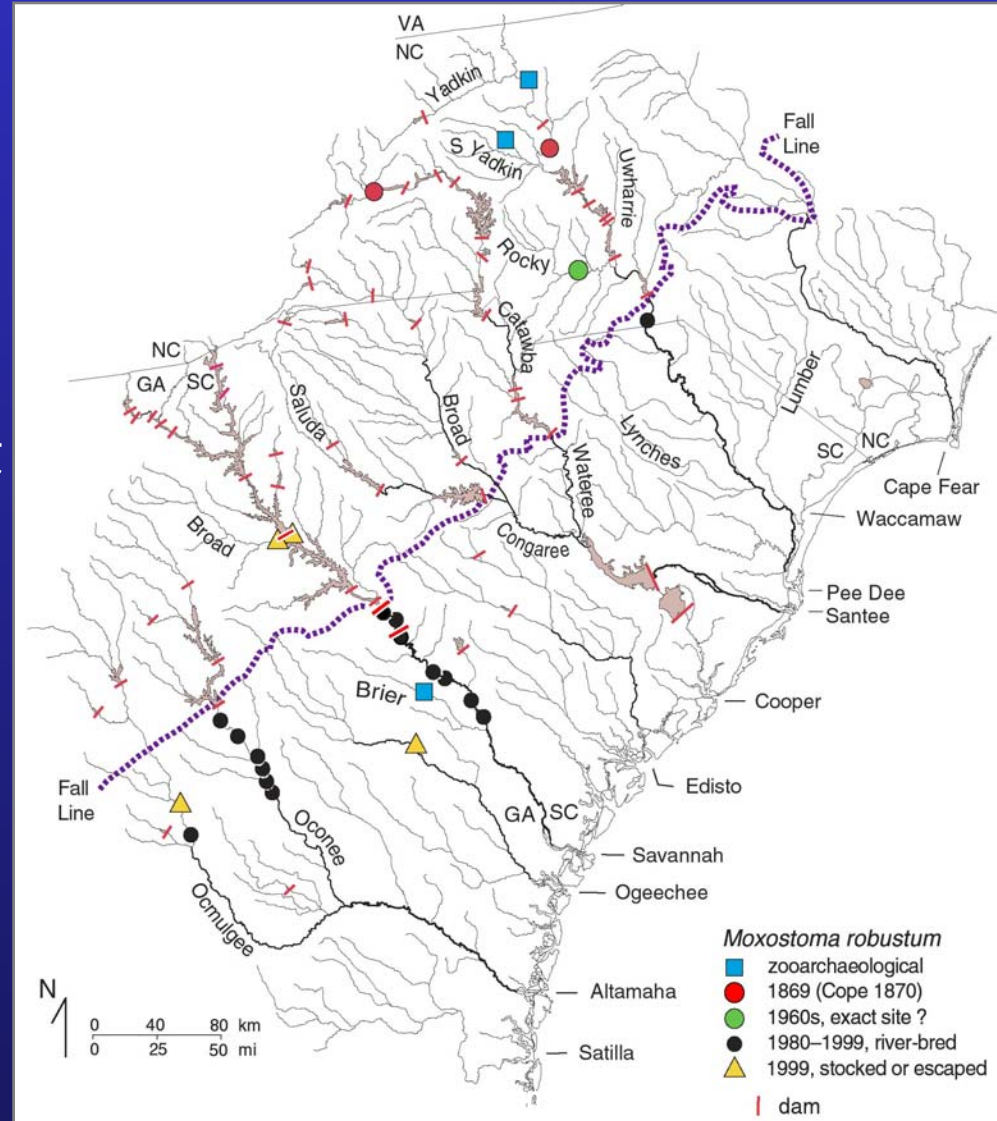
Robust Redhorse Conservation Committee

- **Cooperative effort established in 1995**
- **State and Federal agencies, private interests, research scientists, industry, and conservation organizations**
- **Completed a Candidate Conservation Agreement with Assurances for the Ocmulgee River in 2003**



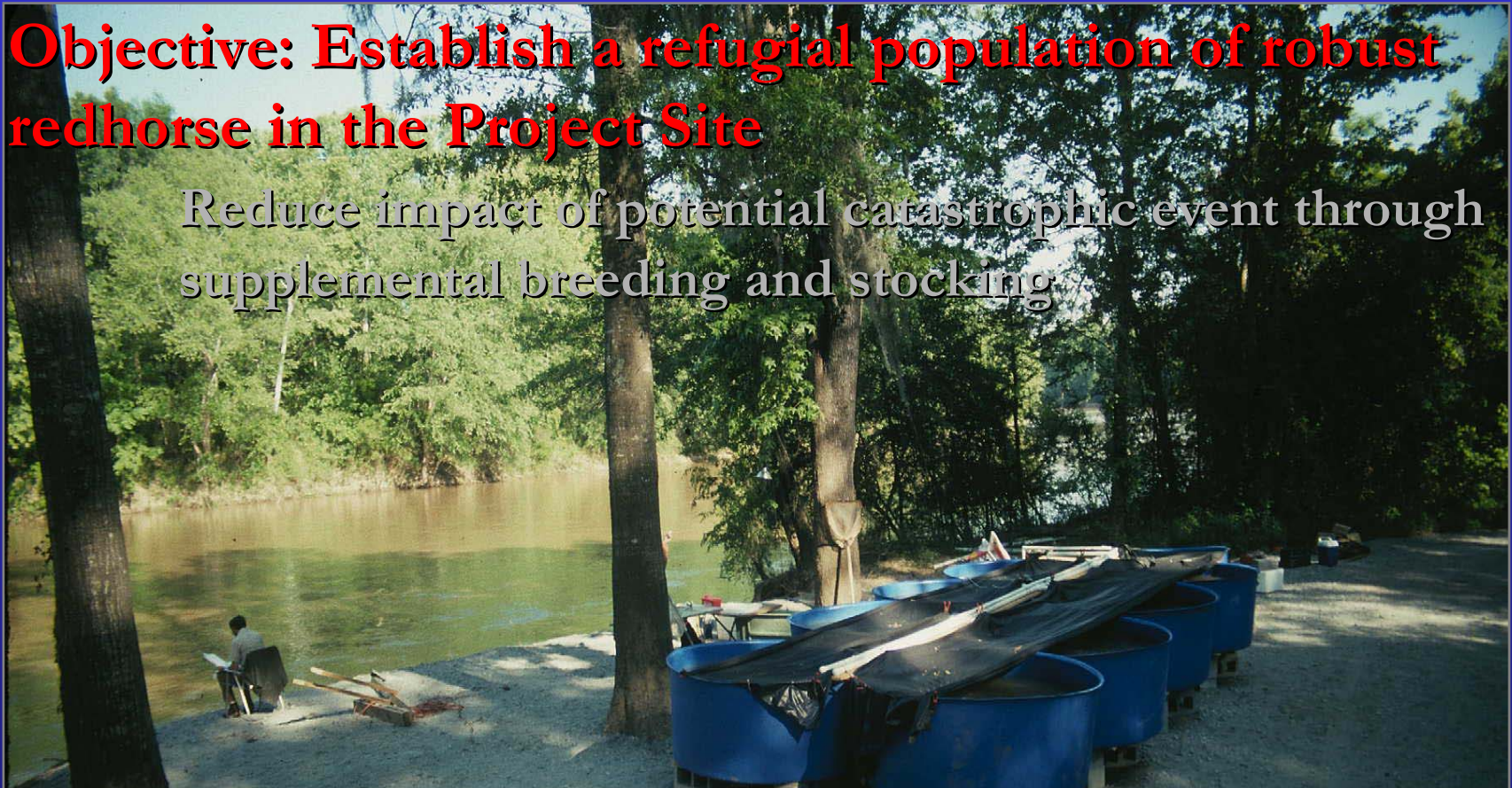
Long-Term Goal of RRCC

- Establish or maintain at least six self-sustaining populations of Robust Redhorse distributed throughout the historic range

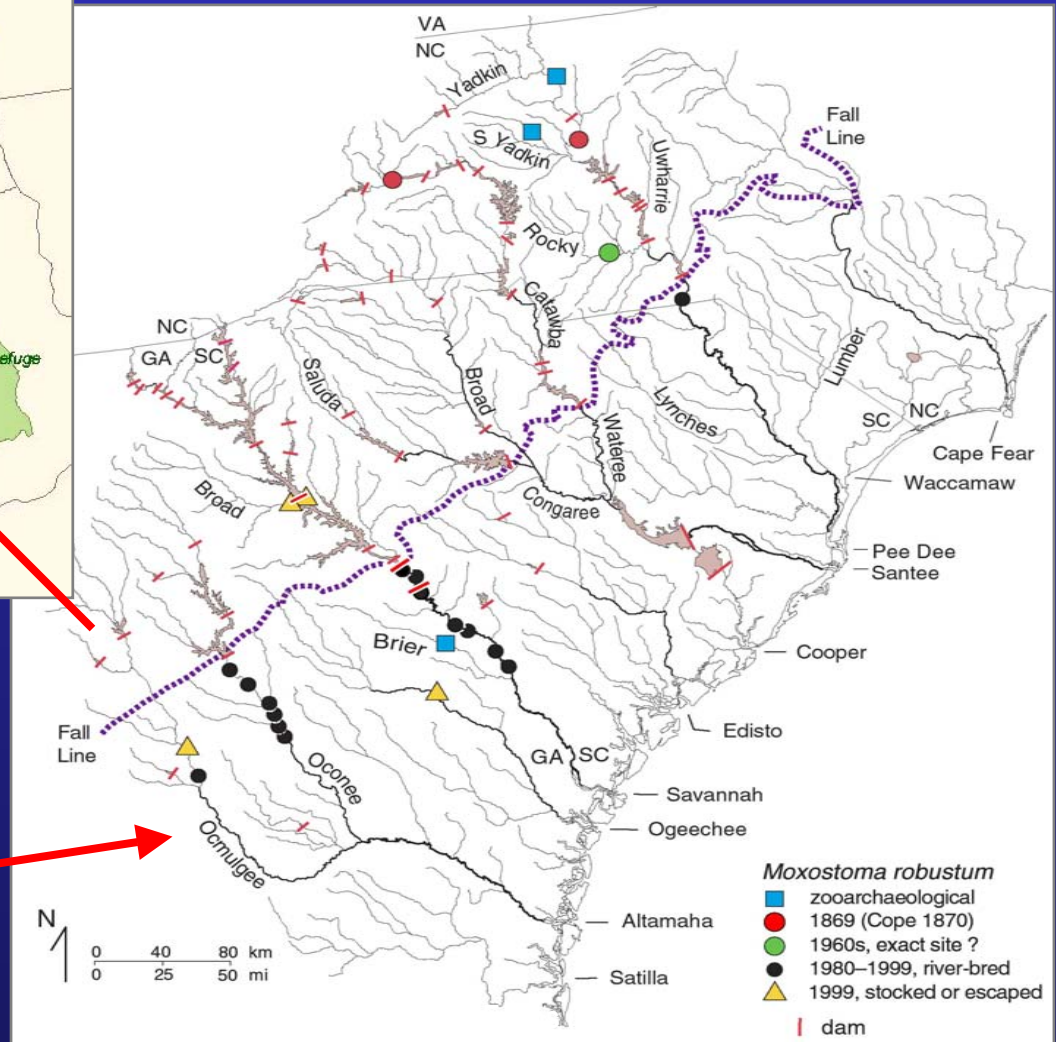
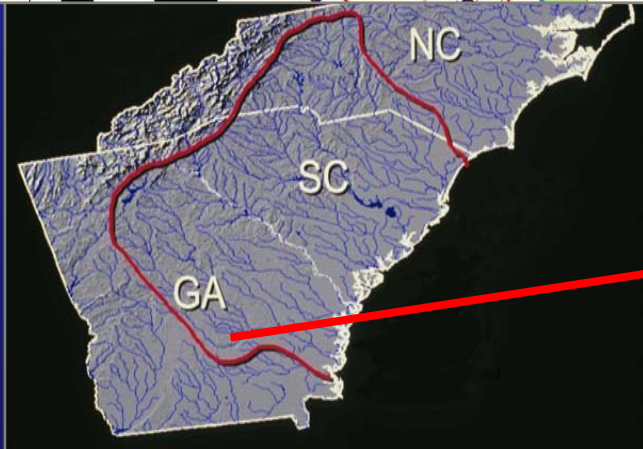
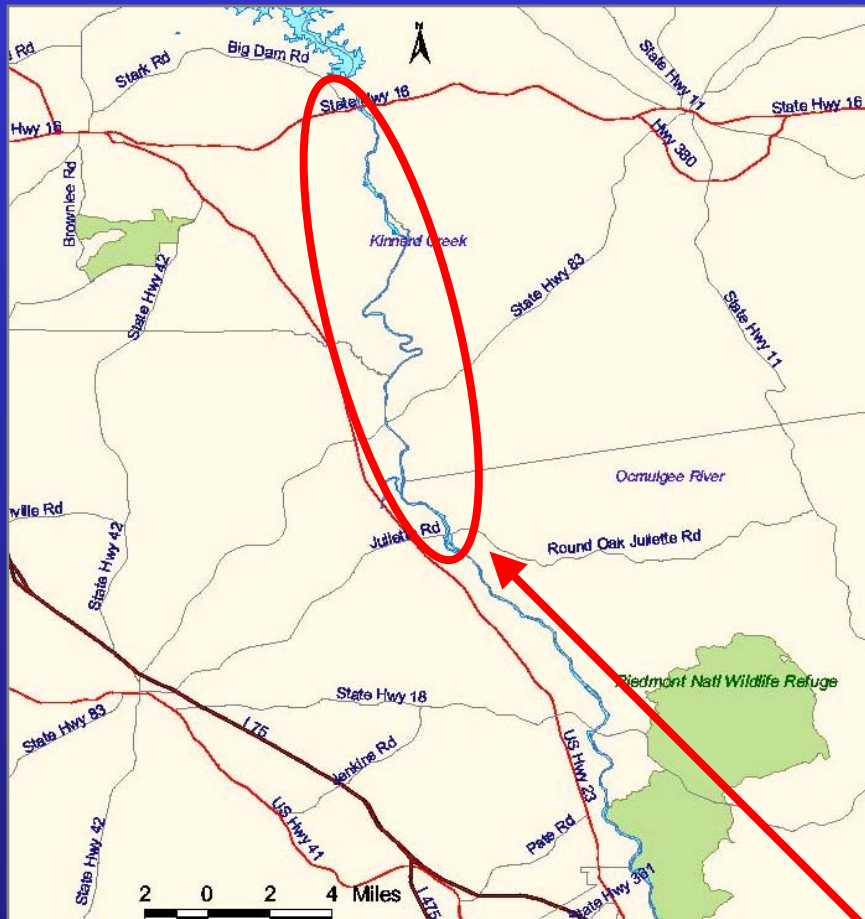


Objective: Establish a refugial population of robust redhorse in the Project Site

Reduce impact of potential catastrophic event through supplemental breeding and stocking



Project Site: 19.3 river miles between Lloyd Shoals Dam and lowhead dam Juliette, GA



Conclusions of the CCAA

- Cooperative conservation effort
- Encourages creative partnerships
- Recognizes no single participant has both the authority and resources to protect species
- Addresses risks and concerns of landowners that want to “do the right thing” for imperiled species on their property

MOU Partners



NC Department of Environmental and Natural Resources	SC Electric and Gas Company
GA Department of Natural Resources	Georgia Power/Southern Company
SC Department of Natural Resources	Duke Power/Energy Company
U.S.G.S. Biological Resources Division	Georgia Wildlife Federation
U.S. Army Corps of Engineers	South Carolina Aquarium
U.S. Fish and Wildlife Service	Progress Energy
U.S. Forest Service	

C. Jennings, 2003

Roanoke College Department of Biology	New York University - School of Medicine
Department of Defense - Fort Gordon Military Installation	Georgia River Network
University of Georgia - Institute of Ecology, School Forest Resources, Experiment Station	

Cooperators

Comprehensive Wildlife Conservation Strategy (CWCS)

- Georgia DNR has committed to develop and begin implementation by October 1, 2005
- Current project will produce draft strategy by December 2004
- Funded under FY2002 State Wildlife Grant to Wildlife Resources Division
- Involves collaboration with all natural resource agencies and organizations operating in Georgia

CWCS Elements

1. Information on the distribution and abundance of species of wildlife
2. Descriptions of locations and relative condition of key habitats
3. Descriptions of problems which may adversely affect species identified in (1) or their habitats, and priority research and survey efforts needed for restoration

CWCS Elements

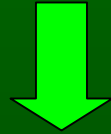
4. Descriptions of conservation actions necessary to conserve the identified species and habitats.
5. Proposed plans for monitoring species and their habitats and the effectiveness of the conservation actions.
6. Descriptions of procedures to review the Plan-Strategy at intervals not to exceed ten years.

CWCS Elements

7. Plans for coordinating the development of the Strategy with Federal, State, and local agencies and Indian tribes that manage significant land and water areas within the State.
8. Congress has affirmed through WCRP and SWG, that broad public participation is an essential element of developing and implementing Strategies.

CWCS

Species



Habitats/Ecosystems



Conservation Sites & Plans

Selection of Species of Greatest Conservation Need

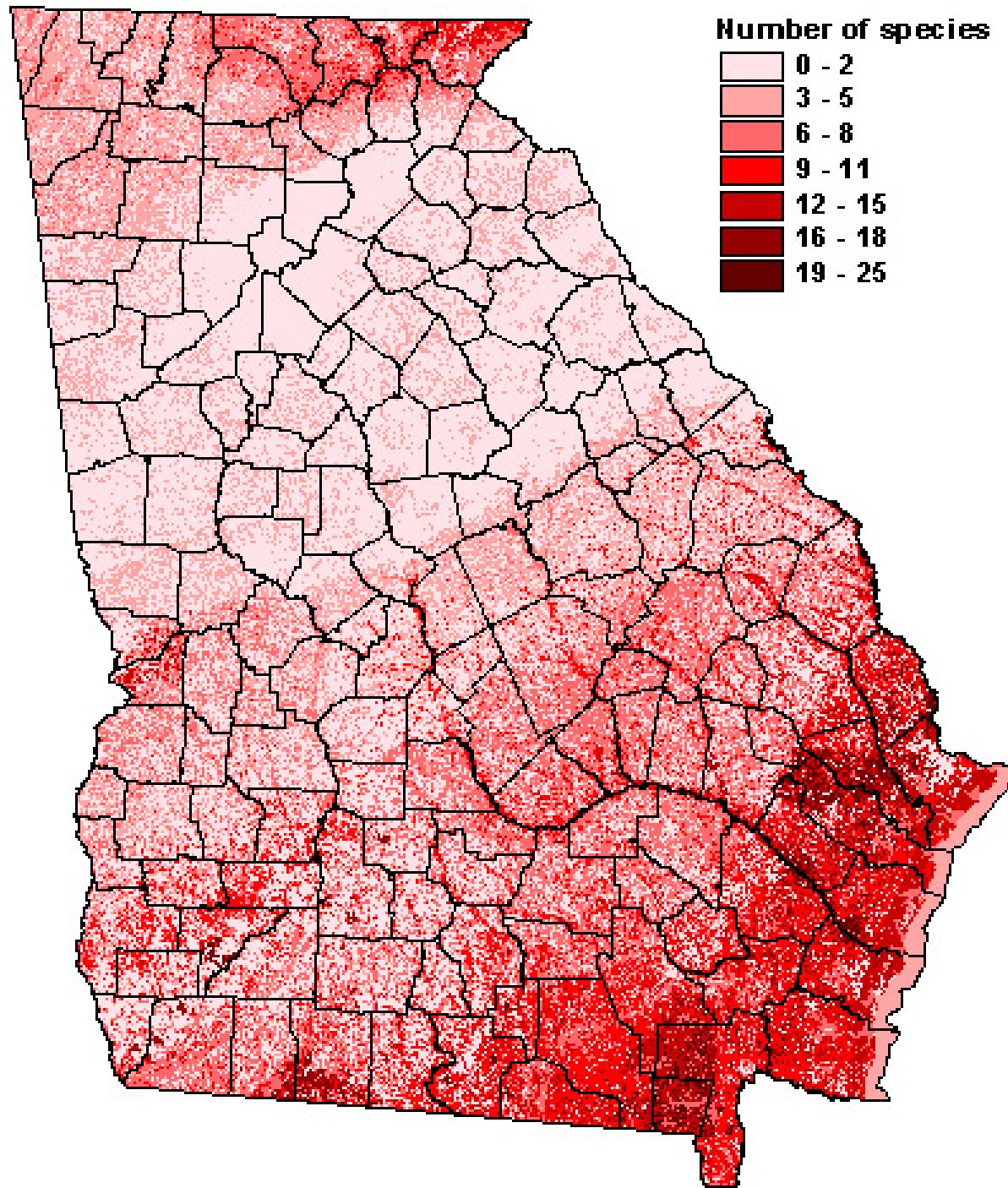
- Assessment process coordinated by six technical teams with input from over 200 experts throughout Georgia
- 265 high-priority animal species identified
- Selection based on rarity, imperilment, endemism, population trends, and importance of Georgia to global conservation of species

Species of Greatest Conservation Need

- 32 birds
- 23 mammals
- 5 amphibians
- 11 reptiles
- 64 fishes
- 46 aquatic arthropods (insects & crustaceans)
- 84 mollusks (mussels & gastropods)

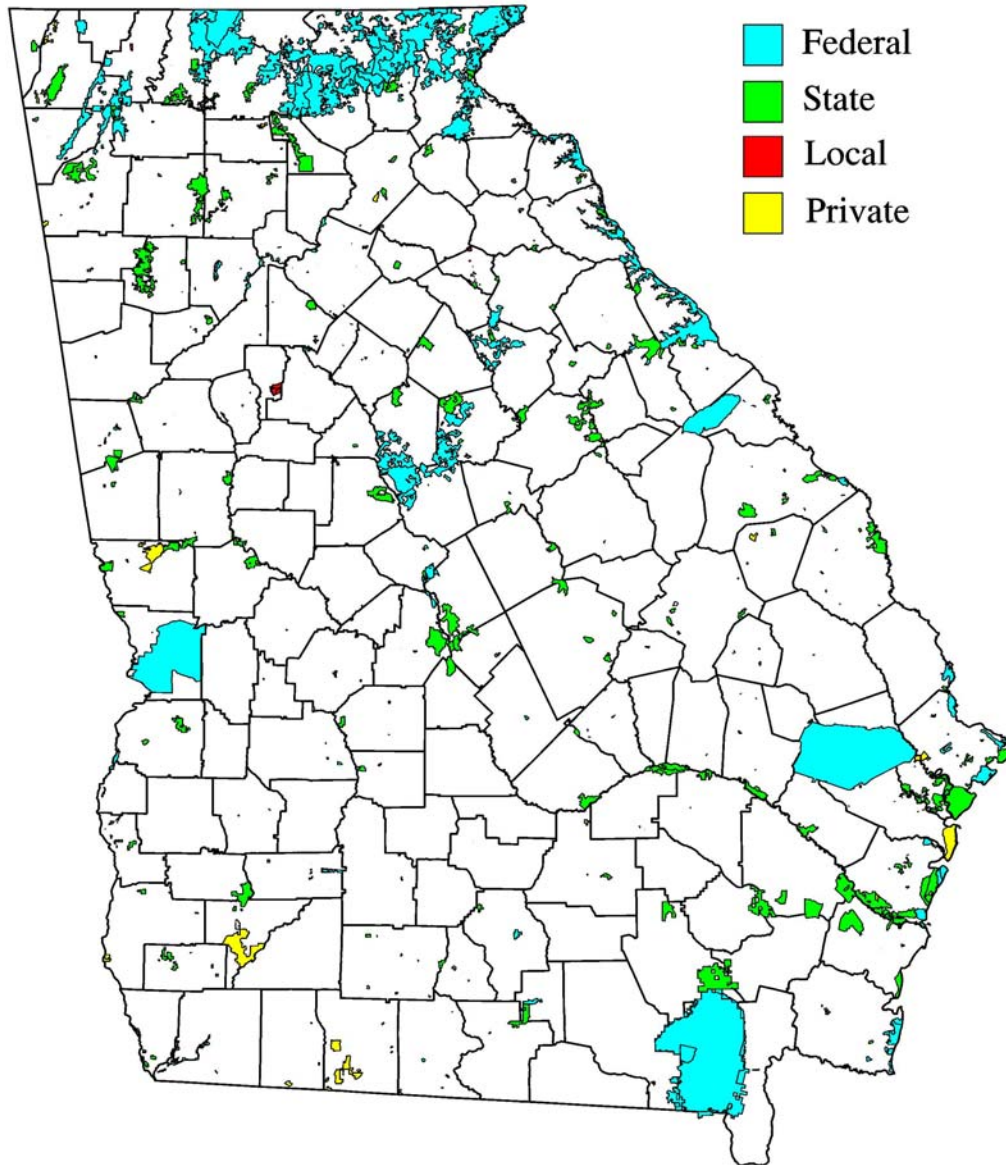
Georgia GAP Landcover Data and Species/Habitat Models

- 44 land cover classes statewide; 35 classes represent “natural vegetation”
- Based on 30m X 30m pixels; re-sampled at 90m X 90m for this analysis
- Species/habitat models for “special concern” terrestrial vertebrates used for this analysis



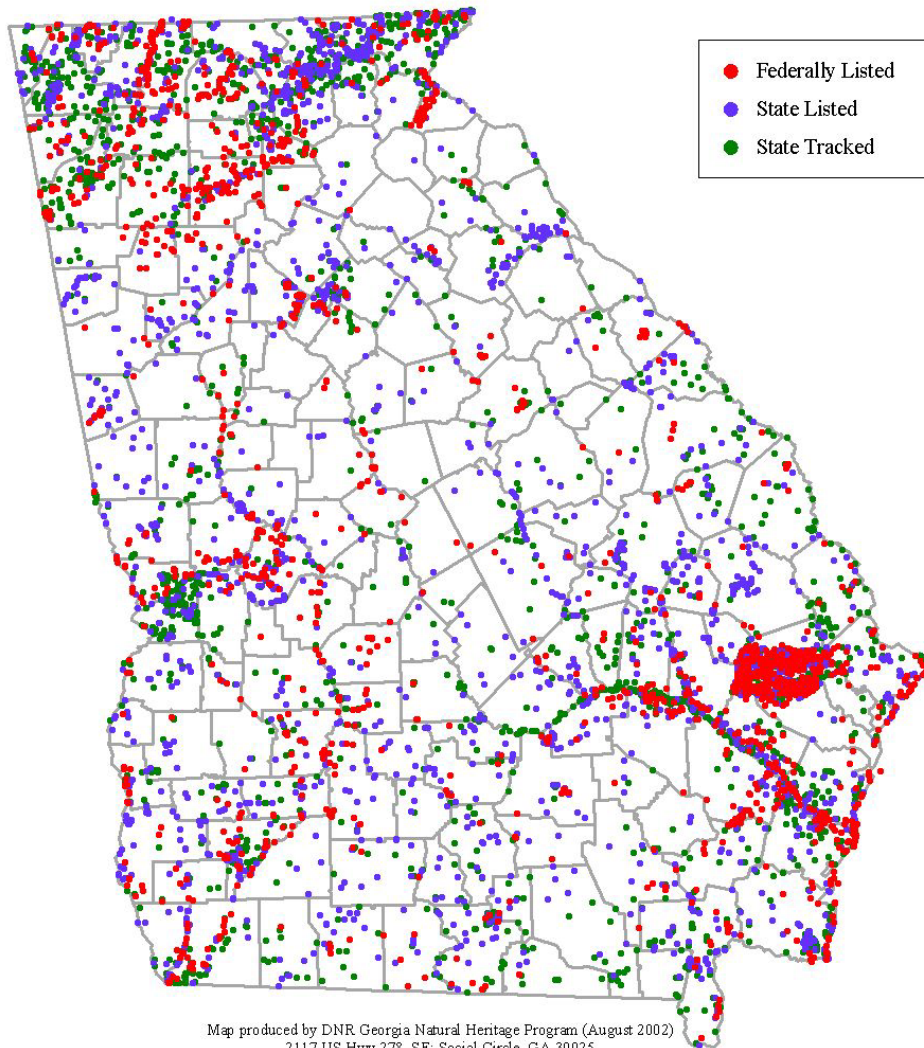
Predicted Species
Richness of Rare
Terrestrial
Vertebrates

GEORGIA CONSERVATION LANDS



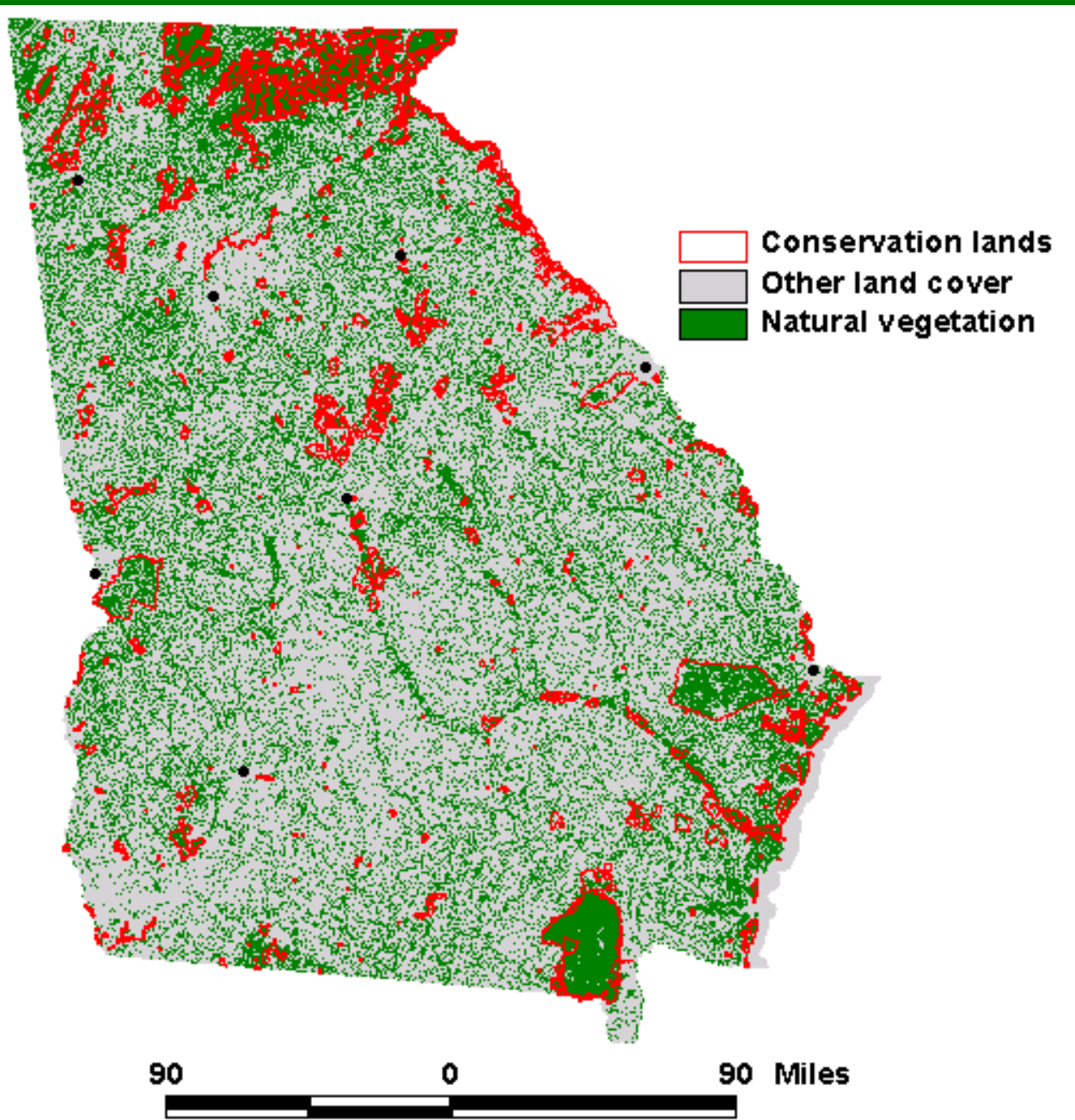
Conservation
Lands

**LOCATIONS OF HISTORIC AND EXTANT
OCCURENCES OF PLANTS, ANIMALS, AND
COMMUNITIES TRACKED BY GNHP**



Georgia
Element
Occurrences

Natural Land Cover and Protected Lands



Summary

Comprehensive Wildlife Conservation Strategies offer excellent opportunities to coordinate with States in developing conservation strategies for imperiled wildlife.